

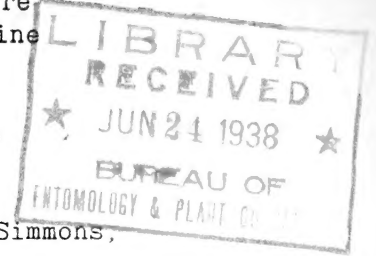
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United States Department of Agriculture
Bureau of Entomology and Plant Quarantine

A HOOD FOR USE IN EXAMINING MATERIAL
CONTAINING IRRITATING DUST

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The hood shown in the illustration (fig. 1) has been useful in examining uncleaned raisins and other infested dried fruits which contain irritating dust. It is constructed of single-faced corrugated paper, light colored on both sides. The frame is of light wood about 1 inch by 1 inch. Across the window and supported at the top and bottom by a strip of wood is a sheet of the same kind of corrugated paper with a circular opening equal in diameter to the diameter of the frame around the fan, in this case 18 inches. The two pieces of corrugated paper are joined with adhesive tape.

The fan is supported at a suitable height above the table by wooden blocks. When the fan is operated at low speed a gentle movement of air past the operator and out the window removes such fine, irritating material as wing scales, peach fuzz, and other floating dust, with the result that the operator can sift or otherwise examine dusty material which, under ordinary circumstances, would cause much discomfort. The movement of air is not sufficient to disturb even the smallest larvae or insect eggs lying on the paper-covered table.

Since each laboratory which may have use for one of these hoods will have special conditions that will modify the construction, accurate details are not given. The hood shown in the illustration is 26 inches deep, 24 inches high, and 48 inches wide.

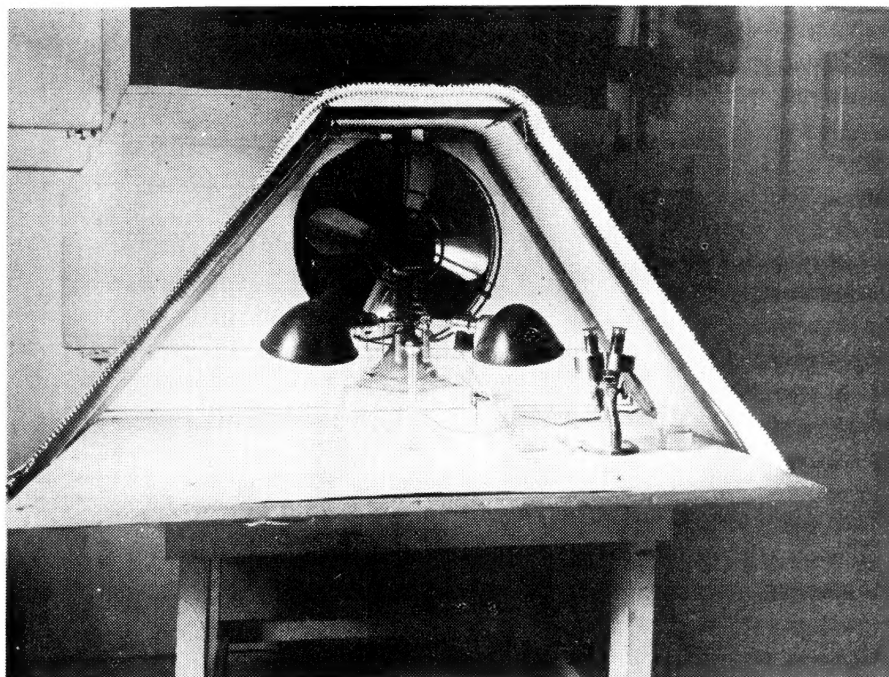


Figure 1.--A hood for use in examining dusty material.

